|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Application No.          | Applicant(s)                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------|
| Notice of Allowability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 00/054 500               | DILLAMATED TAMES A                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 09/851,528<br>Examiner   | BILLMAIER, JAMES A.  Art Unit         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tilahun B. Gesessse      | 2684                                  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. |                          |                                       |
| 1. This communication is responsive to <u>1/6/06</u> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                       |
| 2. The allowed claim(s) is/are <u>1-7,9-29,31-46 and 48-61</u> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                                       |
| 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some* c) ☐ None of the:                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                       |
| 1.  Certified copies of the priority documents have been received.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                       |
| 2. Certified copies of the priority documents have been received in Application No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                       |
| 3. Copies of the certified copies of the priority documents have been received in this national stage application from the                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                       |
| International Bureau (PCT Rule 17.2(a)).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                       |
| * Certified copies not received:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                                       |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.                                                                                                                                                                                                                                                                                                                 |                          |                                       |
| 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.                                                                                                                                                                                                                                                                                                                                                           |                          |                                       |
| 5. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                       |
| (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                       |
| 1)  hereto or 2)  to Paper No./Mail Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                       |
| (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                       |
| Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).                                                                                                                                                                                                                                                                                                                            |                          |                                       |
| 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.                                                                                                                                                                                                                                                                                                                                                                            |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                       |
| Attachment(s) 1. ☑ Notice of References Cited (PTO-892)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5. Notice of Informal P  | atent Application (PTO-152)           |
| 2. Notice of Draftperson's Patent Drawing Review (PTO-948)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6. ☐ Interview Summary   | · · · · · · · · · · · · · · · · · · · |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Paper No./Mail Dat       | te                                    |
| <ol> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/0<br/>Paper No./Mail Date</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8), 7. Examiner's Amendr | nent/Comment                          |
| 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8. X Examiner's Stateme  | ent of Reasons for Allowance          |
| or biological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9.                       |                                       |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                       |

Application/Control Number: 09/851,528

Art Unit: 2684

## **DETAILED ACTION**

## Status of claims

1. This is in response to applicant's amendment and response filed January 6,2006, in which claims 8,30,47 have been deleted and claims 1-7,9-29,31-46,48-61 are pending.

After further search and thorough examination of the present application and in view of applicant's amendment and remarks, claims 1-7,9-29,31-46,48-61 are found to be in condition for allowance.

## Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: the prior art does not teach the added limitations, see applicant argument, pages 17-22 dated 1/6/06.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 571-272-7879. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882.

Art Unit: 2684

The Central FAX Number will change to 571-273-8300. This new Central FAX Number is the result of relocating the Central FAX server to the Office's Alexandria, Virginia campus.

CENTRALIZED DELIVERY POLICY: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <a href="http://pair-direct.uspto.gov">http://pair-direct.uspto.gov</a>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TILAHUN GESESSE PRIMARY EXAMINER